Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1 – 27. (Canceled)

28. (Currently amended) A heat exchanger system, comprising:

an air/air heat exchanger;

an air/refrigerant heat exchanger coupled to said air/air heat exchanger by a connecting tube, said air/refrigerant heat exchanger comprising a series of stacked plates; and

a phase change material contained within a first gap between one of said stacked plates and another of said stacked plates, and with no phase change material located in or around the air/air heat exchanger.

29. (Currently amended) The heat exchanger system of claim 28, wherein said air/refrigerant heat exchanger includes a refrigerant contained within a second gap between one of said stacked plates and another of said stacked plates.

30. (Currently amended) The heat exchanger system of claim 28, wherein said first gap is between a first of said stacked plates and a second of said stacked plates, and said second gap is between said second of said stacked plates and a third of said stacked plates.

31. (Currently amended) The heat exchanger system of claim 28 further comprising a probe for sensing a temperature.

32. (Currently amended) The heat exchanger system of claim 31, wherein said probe is a phase change temperature sensing probe~~, and is located near said phase change material~~.

33. (Currently amended) The heat exchanger system of claim 28 further comprising a mesh condensate separator.

34. (Currently amended) The heat exchanger system of claim 33 wherein said mesh condensate separator comprises a non-rust metal.

35. (Withdrawn) A heat exchanger, comprising:

an air/air heat exchanger;

an air/refrigerant heat exchanger coupled to said air/air heat exchanger, said air/refrigerant heat exchanger comprising a plurality of tubes; and

a phase change material disposed between one of said plurality of tubes and another of said plurality of tubes.

36. (Withdrawn) The heat exchanger of claim 35, wherein said phase change material is contained within a jacket.

37. (Withdrawn) The heat exchanger of claim 35, wherein said plurality of tubes are arranged in a coiled manner.

38. (Withdrawn) The heat exchanger of claim 35, wherein said plurality of tubes are arranged in a straight manner.

39. (Withdrawn) The heat exchanger of claim 35 further comprising a probe for sensing a temperature.

40. (Withdrawn) The heat exchanger of claim 39, wherein said probe is a phase change temperature sensing probe, and is located near said phase change material.

41. (Withdrawn) An air/refrigerant heat exchanger, comprising:

a plurality of coiled tubes,

wherein one of said plurality of coiled tubes contains a phase change material, and another of said plurality of tubes contains a refrigerant.

42. (Withdrawn) The air/refrigerant heat exchanger of claim 41, wherein another of said plurality of tubes is an air tube.

43. (Withdrawn) The air/refrigerant heat exchanger of claim 41, further comprising a condensed moisture separator.

44. (Withdrawn) The air/refrigerant heat exchanger of claim 41 further comprising a probe.

45. (Withdrawn) The air/refrigerant heat exchanger of claim 44, wherein said probe is a phase change temperature sensing probe, and is located near said phase change material.

46. (New) The heat exchanger system of claim 29, wherein said air/refrigerant heat exchanger includes a third gap between one of said stacked plates and another of said stacked plates.

47. (New) The heat exchanger system of claim 46, wherein air being dried flows through the third gap.

48. (New) The heat exchanger system of claim 47, wherein the phase change material is in the first gap, wherein the first gap is between the second gap and the third gap.

49. (New) The heat exchanger system of claim 28, wherein the phase change material freezes at or above 4°C.

50. (New) The heat exchanger system of 49, wherein the phase change material is an organic paraffin.

51. (New) A heat exchanger system, comprising:

an air/air heat exchanger;

an inlet pipe coupled to the air/air heat exchanger to allow air to flow into the heat exchanger system;

an air/refrigerant heat exchanger immediately adjacent to the air/air heat exchanger, wherein the air/refrigerant heat exchanger comprises a series of brazed plates;

a condensate separator coupled to the heat exchanger system through an outlet port;

a piping coupled to the separator and the heat exchanger system to allow air to re-enter the air/air heat exchanger; and

an outlet pipe coupled to the air/air heat exchanger to allow air to exit.

52. (New) The heat exchanger system of claim 51, further comprising air being dried in a first gap located between one of the brazed plates and another of the brazed plates.

53. (New) The heat exchanger system of claim 52, further comprising phase change material contained within a second gap located between one of the brazed plates and another of the brazed plates.

54. (New) The heat exchanger system of claim 53, further comprising refrigerant contained within a third gap located between one of the brazed plates and another of the brazed plates.

55. (New) The heat exchanger system of claim 54, wherein the phase change material is contained in the second gap, wherein the second gap is between the first gap and third gap.

56. (New) The heat exchanger system of claim 51, wherein the condensate separator comprises a mesh.

57. (New) The heat exchanger system of claim 51, further comprising a temperature sensing probe.

58. (New) The heat exchanger system of claim 57, wherein the probe is a phase change temperature sensing probe and is located within the heat exchanger.